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| TRANSMITTAL LETTER TO THE UNITED STATES<br>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br>CONCERNING A FILING UNDER 35 U.S.C. 371   |   | Attorney Docket No.<br><b>8048-1181</b>       |
|  |   | U.S. Application No.<br><b>10/591,273</b>     |
| INTERNATIONAL APPLN. NO.<br><b>PCT/JP2005/003397</b>   | INTERNATIONAL FILING DATE<br><b>March 1, 2005</b> | PRIORITY DATE CLAIMED<br><b>March 1, 2004</b> |
| TITLE OF INVENTION: <b>TRACKING ERROR SIGNAL GENERATION DEVICE AND TRACKING ERROR SIGNAL GENERATION METHOD</b>   |   |   |
| APPLICANT(S) FOR DO/EO/US: <b>Takayuki NOMOTO and Hiroshi NISHIWAKI</b>  |   |   |
| <p>Applicant herewith submits to the United States Designated Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> <li><input type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li><input checked="" type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li><input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)).<br/>The submission must include items (5), (6), (9) and (21) indicated below.</li> <li><input checked="" type="checkbox"/> The US has been elected (Article 31).</li> <li><input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) <ol style="list-style-type: none"> <li><input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li><input type="checkbox"/> has been communicated by the International Bureau. See attached PCT/IB/308.</li> <li><input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li><input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)) <ol style="list-style-type: none"> <li><input type="checkbox"/> is attached hereto.</li> <li><input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li><input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) <ol style="list-style-type: none"> <li><input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li><input type="checkbox"/> have been communicated by the International Bureau.</li> <li><input type="checkbox"/> have not been made, however, the time limit for making such amendments has NOT expired.</li> <li><input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li><input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).</li> <li><input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4))</li> <li><input type="checkbox"/> A Declaration of Inventorship for purposes of U.S.A. designation pursuant to rule 4.17(iv). )</li> <li><input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> <p><b>Items 12 to 23 below concern document(s) or information included:</b></p> <ol style="list-style-type: none"> <li><input type="checkbox"/> Information Disclosure Statement (IDS) w/PTO-1449 - <input type="checkbox"/> Copy of IDS citations. - <input type="checkbox"/> PCT/ISA/210 International Search Report included</li> <li><input type="checkbox"/> Assignment Papers (cover sheet &amp; document(s)).</li> <li><input type="checkbox"/> A preliminary amendment.</li> <li><input type="checkbox"/> An Application Data Sheet under 37 C.F.R. 1.76.</li> <li><input checked="" type="checkbox"/> Itemized Return Receipt Postcard</li> <li><input type="checkbox"/> Abstract</li> <li><input type="checkbox"/> A substitute specification.</li> <li><input type="checkbox"/> Power of Attorney and Statement under 37 CFR §3.73(b) <ol style="list-style-type: none"> <li><input type="checkbox"/> Newly executed Power of Attorney</li> <li><input type="checkbox"/> A change of Power of Attorney and/or change of address letter.</li> </ol> </li> <li><input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</li> <li><input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li><input type="checkbox"/> A second copy of the English language translation of the international application (35 U.S.C. 154(d)(4)).</li> <li><input type="checkbox"/> Other items or information: _____</li> </ol> |   |   |

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| U.S. APPLICATION NO.<br>10/591,273  |  | INTERNATIONAL APPLN. NO.<br>PCT/JP2005/003397  |              | ATTORNEY DOCKET NO.<br>8048-1181    |    |
| <input type="checkbox"/> <b>Applicant claims small entity status. See 37 CFR 1.27.</b><br><br><input type="checkbox"/> The following fees are submitted:<br><br><div style="text-align: center;"><b>PCT FEES - NATIONAL STAGE</b></div>   |  |  |              | <b>CALCULATIONS</b><br>PTO USE ONLY |    |
|   |  |  |              |                                     |    |
| <u><b>Fee Description</b></u>   |  |  |              |                                     |    |
| Basic National Stage Fee  |  |  |              |                                     |    |
| Non ISA/US Search Provided  |  | National Stage Search Fee  |              |                                     |    |
| <input type="checkbox"/> US was the IPEA And all claims satisfied the provisions of PCT Article 33 (1)-(4)  |  | National Stage Examination Fee   |              |                                     |    |
| Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20- <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (Fee Code 1617/2617)   |  |  |              | <b>Already Paid</b>                 |    |
| National Stage Application size fee each additional 50 sheets in excess of 100<br><br>Fee Code 1681/2681  |  | Additional Sheets<br>- 100 =      =      X<br><div style="text-align: center; border-top: 1px solid black;">50</div> |              | Fee From Below<br><b>\$125.00</b>   |    |
| <b>CLAIMS</b>   |  | NUMBER FILED   | NUMBER EXTRA | RATE                                |    |
| Independent Claims Fee Codes 1614 / 2614  |  | 4 - 3 =  | 1            | x \$200.00                          |    |
| Total Claims Fee Codes 1615 / 2615  |  | 9 - 20 =   | 0            | x \$25.00                           |    |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) Fee Code 1616 / 2616  |  |  |              | + \$360.00                          |    |
| Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)). Fee Code 1618  |  |  |              |                                     |    |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). (Fee code 8021)<br><div style="text-align: right;">\$40.00 per property      +</div>  |  |  |              |                                     |    |
| <b>TOTAL FEES ENCLOSED =</b>  |  |  |              | <b>Already Paid</b>                 |    |
|   |  |  |              | <b>Amount to be refunded:</b>       | \$ |
|   |  |  |              | <b>Charged:</b>                     | \$ |
| <div style="display: flex; justify-content: space-between; align-items: flex-start; padding-top: 20px;"> <div style="width: 45%;"> <p><input type="checkbox"/> The Director is hereby authorized to charge indicated fees and credit any overpayment to Deposit Account No. 25-0120 in the name of Young &amp; Thompson. A duplicate copy of this sheet is enclosed.</p> <p><input checked="" type="checkbox"/> The Director is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 25-0120 for any additional fee required under 37 C.F.R. §§ 1.16 or 1.17.</p> <p>SEND ALL CORRESPONDENCE TO:<br/>           YOUNG &amp; THOMPSON<br/>           745 South 23<sup>rd</sup> Street<br/>           Arlington, VA 22202<br/>           Telephone: (703) 521-2297<br/>           Facsimile: (703) 685-0573</p> <p>Y&amp;T Customer No. <b>00466</b><br/>           BC/tmp</p> </div> <div style="width: 50%; text-align: center;"> <br/>           SIGNATURE<br/><br/>           Benoit Castel, Reg. No. 35,041<br/>           NAME, REGISTRATION NUMBER<br/><br/>           October 31, 2006<br/>           DATE         </div> </div> |  |  |              |                                     |    |